

# Ishan Khandelwal

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## Skills

<b>Languages</b> C++, JavaScript	<b>Frameworks/Libs</b> React, Next.js, Angular, Node.js	<b>Databases</b> SQL, MongoDB, DynamoDB
<b>DevOps Tools</b> Docker, Kubernetes, CI/CD (Jenkins, Github Actions)	<b>Version Control</b> Git, Bit Bucket	<b>Other</b> JIRA, AWS, Linux, Data Structures, and Algorithms

## Work Experience

2024/01 – present	<b>Software Engineer</b> <i>Unthinkable Solutions</i>  <ul style="list-style-type: none"><li>Developed frontend web applications using Angular and Angular Material, optimizing UI components and implementing efficient SCSS styling.</li><li>Architected and implemented backend services with Node.js and TypeScript, developing efficient repositories, routes, and server handlers that improved system performance and maintainability.</li><li>Optimized cloud database management by leveraging AWS DynamoDB and SQL, improving data retrieval times and storage solutions.</li><li>Enhanced code reliability by writing and executing comprehensive backend integration tests using Chai and Mocha.</li><li>Reduced server load by implementing RabbitMQ for asynchronous image generation, efficiently processing JSON data, and improving system efficiency.</li><li>Managed containerization and orchestration with Docker and Kubernetes, increasing system scalability and reliability.</li><li>Designed and implemented a microservices architecture that improved system performance and streamlined maintenance processes.</li><li>Facilitated version control and collaborative development using Git, with successful workflow integration on GitHub and BitBucket.</li><li>Streamlined the build and deployment processes by implementing CI/CD pipelines with Jenkins, enhancing deployment efficiency.</li></ul>
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## Projects

2024/01 – present	<b>Koupon Media</b>  <p>The company connects convenience retailers and consumer packaged goods (CPG) brands to engage with shoppers and grow sales. Koupon works with brands to easily deploy personalized, channel-wide promotions. It also helps retailers secure additional trade and shopper marketing funds to expand consumer engagement. Koupon is particularly strong in the area of offers for age-restricted products, which makes it one of a kind. Koupon also has advanced age verification capabilities when promoting age-restricted products such as tobacco and alcohol, creating new opportunities for collaboration between the brands consumers buy and the c-stores that sell them.</p> <p><i>Key responsibilities</i> : FullStack (Frontend, Backend and Database, and Deployment)</p> <p><i>Technology used</i>: Angular, Node.js (with Typescript), Docker, Kubernetes, Jenkins</p>
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2022/10 – 2022/12

### **VibeShare** [↗](#)

*Full Stack Social Media App*

Full-stack application where people can share their pictures with everyone.

*Technology used:* Sanity.io (Content Management System + Backend), React.js, Tailwind CSS.

*Links:*

- **Github Repository:** <https://github.com/ishan301/VibeShare> [↗](#)
- **Deployment Link:** <https://vibeshare.onrender.com/> [↗](#) .

2022/06 – 2022/07

### **StarChat** [↗](#)

*Realtime Chat without login*

Real-time chat application where people all over the world can chat without the need for login by websocket connection using socket.io between the client and server.

*Technology used:* Node.js, Socket.io.

*Links:*

- **Github Repository:** <https://github.com/ishan301/StarChat---Chat-globally-> [↗](#)
- **Deployment Link:** <https://starchat-globalchat.onrender.com/> [↗](#)

## **Achievements**

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### **Disrupt Hackathon 2024 Winner**

Awarded first place in the "Disrupt Hackathon" organized by Unthinkable Solutions on September 15, 2024.

Contributed as a Full-Stack Developer in the team "404 Not Found," creating an AI-based Diet Planner solution that was recognized for its innovation and functionality.

### **Leetcode 1800+ Rating**

Achieved a rating of 1800+ on Leetcode, placing within the top 7% of programmers on the platform through participation in multiple coding contests.

## **Education**

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2020/08 – 2024/06

Sangrur, Punjab

### **Bachelor Of Engineering (Computer Science)**

*Sant Longowal Institute Of Engineering and Technology*

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